

AMENDMENT UNDER 37 C.F.R. § 1.111  
U.S. Appln. No. 10/766,011

**AMENDMENTS TO THE SPECIFICATION**

Page 1, delete paragraph [0004] and replace with the following new paragraph:

Next, mRNAs extracted from two kinds of different conditional samples, cell 1 and cell 2 (e.g., normal cell and cancer cell), are labeled respectively with fluorescence dyes different in wavelength from each other to synthesize target cDNAs. Then, these ~~cDNAs~~<sup>cDNAs</sup> are mixed in equal proportions, and hybridized with the microarrayed cDNAs or reference probes. After this competitive hybridization, the glass slides are imaged using a scanner and fluorescence intensities are measured separately for each dye. The fluorescence dye with which the cell 1 is labeled and the fluorescence dye with which the cell 2 is labeled are read from channel 1 and channel 2, respectively, to obtain gene expression level data (microarray data).